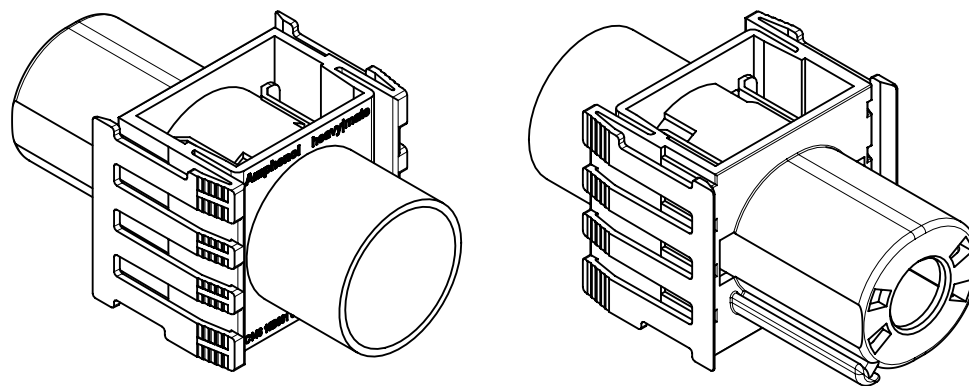
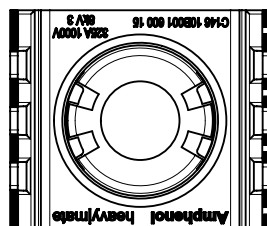
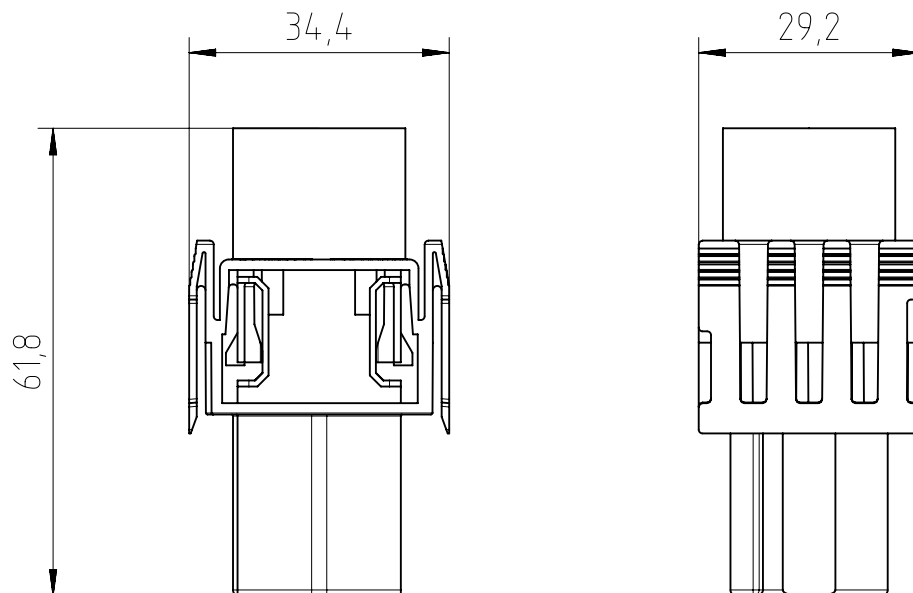


## Characteristics

| General Characteristics                | Standard        | Value                                                      |
|----------------------------------------|-----------------|------------------------------------------------------------|
| number of contacts                     |                 | 1                                                          |
| termination technique                  |                 | crimp                                                      |
| wire gauge                             |                 | 25 mm <sup>2</sup> - 95 mm <sup>2</sup><br>AWG 4 - AWG 000 |
| max. insulation diameter               |                 | 20 mm                                                      |
| flammability                           | UL 94           | V-0                                                        |
| Electrical Characteristics             | Standard        | Value                                                      |
| rated voltage                          | IEC 60664-1     | 1000 V                                                     |
| pollution degree                       | IEC 60664-1     | 3                                                          |
| installation (overvoltage) category    | IEC 60664-1     | 3                                                          |
| material group                         | IEC 60664-1     | 1                                                          |
| rated impulse withstand voltage        | IEC 60664-1     | 8 kV                                                       |
| rated current $T_{amb} = 40\text{ °C}$ |                 | 325 A                                                      |
| current carrying capacity              | IEC 60512-5-2   | see derating curve                                         |
| contact resistance                     | IEC 60512-2-1   | ≤ 5 mΩ                                                     |
| insulation resistance                  | IEC 60512-3-1   | ≥ 10 <sup>10</sup> Ω                                       |
| Climatical Characteristics             | Standard        | Value                                                      |
| climatic category                      | IEC 60068-1     | 40 / 125 / 10                                              |
| upper temperature                      | IEC 60512-11-9  | +125 °C                                                    |
| lower temperature                      | IEC 60512-11-10 | -40 °C                                                     |
| Mechanical Characteristics             | Standard        | Value                                                      |
| mechanical operation                   | IEC 60512-9-1   | ≥500 mating cycles                                         |
| Materials                              | Standard        | Value                                                      |
| insert                                 |                 | PA66-GF                                                    |
| contacts                               |                 | CuZn (brass)                                               |
| contact plating                        |                 | Ag (silver)                                                |
| color                                  |                 | black                                                      |



Alle technischen Daten wurden unter Laborbedingungen ermittelt und können im Praxisbetrieb abweichen.  
Es handelt sich bei den Angaben weder um Beschaffenheits- noch um Haltbarkeitsgarantien.  
All technical data have been measured in a laboratory environment and can be different during practical usage of the product. Any product information is for descriptive usage only and not legally binding; particularly the information does not constitute or provide any legal guarantees ("Beschaffenheitsgarantie" or "Haltbarkeitsgarantie").

|                                     |                        |              |                       |                                    |                                            |                            |    |                    |
|-------------------------------------|------------------------|--------------|-----------------------|------------------------------------|--------------------------------------------|----------------------------|----|--------------------|
| Gewicht (errechnet) / Calc WT: 15 g |                        |              | Zul. Abw./Tolerances: |                                    | Maßstab / Scale: 1:1                       |                            | A3 |                    |
| Prüfmaß / Testdimension             |                        |              | ISO 2768-m            |                                    |                                            |                            |    |                    |
| Teileindex / Partindexnumber:       |                        |              |                       |                                    |                                            |                            |    |                    |
| Bagatelle change:                   |                        |              |                       |                                    |                                            |                            |    |                    |
|                                     |                        |              | Gez.                  | 06.06.2017                         | CUSTOMER DRAWING                           |                            |    |                    |
|                                     |                        |              | Drawn                 | PWOELFFLE                          |                                            |                            |    |                    |
|                                     |                        |              | Status                | Released                           |                                            |                            |    |                    |
|                                     |                        |              | Gepr.                 | 16.04.2018                         | Buchsenmodul 1-Pol<br>socket module 1 pole |                            |    |                    |
|                                     |                        |              | Checked               | MGRIMM                             |                                            |                            |    |                    |
| 02                                  | 201800020              | 03.04.2018   | PWÖLF                 | Amphenol Tuchel<br>Industrial GmbH |                                            | M C146 10B001 600 15       |    | Blatt / Sheet<br>1 |
| 01                                  | 201700200              | 08.06.2017   | PWÖLF                 |                                    |                                            |                            |    | 1 Bl.              |
| Index                               | Änderung / Description | Datum / Date | Name                  |                                    |                                            | Ers. f. / Replacement for: |    |                    |